

IN THE CLAIMS:

Please cancel Claims 13 and 14 without prejudice or disclaimer of subject matter, and amend Claims 1 to 12 and 15 to 18 as shown below. The claims, as pending in the subject application, now read as follows:

1. (Currently amended) A printing control method of converting original data into print data processible by a printing apparatus, comprising the steps of:

~~a displaying step of displaying a first setting screen to set a basic attribute applied to whole print data and a second setting screen to set a back-side attribute applied to a plurality of [[all]] pages corresponding to the back side of the printing medium output in the double-sided printing.~~

wherein the basic attribute set by the first setting screen is set as the default back-side attribute of the second setting screen;

~~a setting step of setting the basic attribute using the first setting screen and the back-side attribute using the second setting screen; and~~

generating the print data based on the basic attribute, the back-side attribute and the original data.

wherein the displaying step displays the second setting screen on which the basic attribute is reflected

~~a determining step of determining whether an object page to be converted into the print data corresponds to the front side of the printing medium or the back side of the printing medium; and~~

~~a conversion step of converting the original data of the object page into the print data in accordance with the basic attribute when the object page is determined in said determining step to be corresponding to the front side of the printing medium, converting the original data of the object page into the print data in accordance with the back-side attribute when the object page is determined in said determining step to be corresponding to the back side of the printing medium.~~

2. (Currently amended) The method according to claim 1, wherein, in the generating ~~conversion~~-step, the basic attribute is applied for an item other than an item having the back-side attribute.

3. (Currently amended) The method according to claim 1, wherein, in the generating ~~conversion~~-step, the back-side attribute is applied to, as a unit, one side of the sheet serving as a printing medium.

4. (Currently amended) The method according to claim 1, wherein, in the generating ~~conversion~~-step, metadata generated by an operating system is converted into the print data in accordance with the basic attribute and the back-side attribute while the back-side attribute is preferentially applied.

5. (Currently amended) The method according to claim 1, wherein, in the generating ~~conversion~~-step, while the basic attribute and the back-side attribute are referred to, various parameters necessary to convert a page corresponding to a front side of a sheet and

various parameters necessary to convert a page corresponding to a back side of a sheet are loaded in advance, and the parameters are alternately referred to in converting the pages.

6. (Currently amended) The method according to claim 1, wherein, in the generating conversion-step, every time a page of interest is to be converted, various parameters for use are loaded and referred to by referring to the basic attribute and the back-side attribute.

7. (Previously presented) The method according to claim 1, wherein the setting step comprises a sheet selection step of selecting a type of sheet serving as a printing medium, and types of sheets in the basic attribute and the back-side attribute are changed in accordance with the type of sheet selected in the sheet selection step.

8. (Currently amended) The method according to claim 1, further comprising a step of, upon reception of a printing attribute value request from an application which generates the original data, sending back a printing attribute value for generating original data convertible into print data corresponding to the basic attribute ~~setting~~ and the back-side attribute in the generating conversion-step.

9. (Previously presented) The method according to claim 8, wherein, in the setting step, a type of sheet subjected to printing can be selected, border-free printing attribute can be selected for each of the basic attribute and the back-side attribute in accordance with the selected type of sheet, and when a type of sheet capable of border-free printing is set, a printable region of border-free printing is sent back to the application.

10. (Previously presented) The method according to claim 8, wherein, in the setting step, color printing or monochrome printing can be selected for each of the basic attribute and the back-side attribute, and color printing attribute is sent back to the application.

11. (Currently amended) The method according to claim 8, wherein, in the ~~generating~~ conversion step, when the double-sided printing attribute is done in the setting step, original data of one page received from the application for one plane is converted into print data and output for all sheets subjected to printing, and original data of each page received from the application for the other plane is converted into print data for the received page.

12. (Previously presented) The method according to claim 8, wherein, in the setting step, the basic attribute and the back-side attribute are changed in accordance with a printing attribute designated in the application.

13. and 14. (Canceled)

15. (Currently amended) A printing control apparatus which converts original data into print data processible by a printing apparatus, comprising:

display means for displaying a first setting screen to set a basic attribute applied to whole print data and a second setting screen to set a back-side attribute applied to ~~[[all]]~~ a plurality of pages corresponding to the back side of the printing medium output in the double-sided printing.

wherein the basic attribute set by the first setting screen is set as the default back-side attribute of the second setting screen;

setting means for setting the basic attribute using the first setting screen and the back-side attribute using the second setting screen; and

generating means for generating the print data based on the basic attribute, the back-side attribute and the original data,

wherein the displaying step displays the second setting screen on which the basic attribute is reflected.

~~determining means for determining whether an object page to be converted into the print data corresponds to the front side of the printing medium or the back side of the printing medium; and~~

~~conversion means for converting the original data of the object page into the print data in accordance with the basic attribute when the object page is determined by said determining means to be corresponding to the front side of the printing medium, converting the original data of the object page into the print data in accordance with the back-side attribute when the object page is determined by said determining means to be corresponding to the back side of the printing medium.~~

16. (Currently amended) A printing control apparatus which converts input drawing data into print data printable by a printing apparatus and ~~transferring~~ transfers the print data to the printing apparatus, comprising:

means for determining a basic attribute applied to whole drawing data;

means for recording in a setting table the basic setting determined by said basic attribute determination means;

means for, when the drawing data is printed on two sides of each [[of a]] sheet, determining a back-side attribute applied to [[only]] a plurality of pages corresponding to back sides of the sheets,

wherein the basic attribute set in the setting table is set as the default back-side attribute;

means for recording in the setting table the back-side attribute determined by said means for determining the back-side attribute; and

generation means for generating the print data based on the basic attribute and the drawing data when the drawing data of an object page is data to be printed on the front side of [[the]] a plurality of sheets, generating the print data based on the back-side attribute and the drawing data when the drawing data of the object page is data to be printed on the back side of [[the]] a plurality of sheets.

17. (Currently amended) A computer-readable medium storing a computer program for recording a program for converting original data into print data processible by a printing apparatus, the program comprising the steps of:

~~a displaying step of~~ displaying a first setting screen to set a basic attribute applied to whole print data and a second setting screen to set a back-side attribute applied to [[all]] a plurality of pages corresponding to the back side of the printing medium output in the double-sided printing,

wherein the basic attribute set by the first setting screen is set as the default back-side attribute of the second setting screen;

~~a setting step of setting the basic attribute using the first setting screen and the back-side attribute using the second setting screen; and~~

generating the print data based on the basic attribute, the back-side attribute and the original data,

wherein the displaying step displays the second setting screen on which the basic attribute is reflected.

~~a determining step of determining whether an object page to be converted into the print data corresponds to the front side of the printing medium or the back side of the printing medium; and~~

~~a conversion step of converting the original data of the object page into the print data in accordance with the basic attribute when the object page is determined in said determining step to be corresponding to the front side of the printing medium, converting the original data of the object page into the print data in accordance with the back-side attribute when the object page is determined in said determining step to be corresponding to the back side of the printing medium.~~

18. (Currently amended) A computer-readable medium storing a computer program for converting input drawing data into print data printable by a printing apparatus and transferring the print data to the printing apparatus, the program comprising:

a step of determining a basic attribute applied to whole drawing data;

a step of recording in a setting table the basic attribute determined in the basic setting determination step;

when the drawing data is printed on two sides of each [[of a]] sheet, determining a back-side attribute applied to [[only]] a plurality of pages corresponding to back sides of the sheets,

wherein the basic attribute set in the setting table is set as the default back-side attribute;

recording in the setting table the back-side attribute determined in the step of determining the back-side attribute; and

a generation step of generating the print data based on the basic attribute and the drawing data when the drawing data of an object page is data to be printed on the front side of [[the]] a plurality of sheets, generating the print data based on the back-side attribute and the drawing data when the drawing data of the object page is data to be printed on the back side of [[the]] a plurality of sheets.